



ENTAG

ENgineering TAsks Group



ECARU

Egyptian Company For Solid Waste Recycling

Working Together for a Better Environment

ECARU, an integrated solid waste service provider company and **ENTAG**, a solid waste management engineering, contracting and technology providing company are both controlled by **Tawazon** which is the latest Citadel Capital platform company. The companies are providing the following three business activities :

Solid Waste Engineering & Contracting: ENTAG has so far built more than 75 sorting & composting facilities in Egypt. It also worked in Saudi Arabia, Malaysia, Libya, Sudan, Oman, Qatar, Nigeria and Syria; it is a 'door opener' for ECARU.

Design & Manufacturing



Mobile Screen Design & Manufacturing



RDF Design Unit



Technical Support



ENTAG Facility for Manufacturing

Some Implemented Projects



Supply of Transfer Station in Sultanate of Oman



MSW Treatment Turnkey projects in Sudan



Design and Construction of Engineered landfill in Oman



MRF-RDF project in Qalubia Governorate - GIZ

Municipal Solid Waste Business overview: ECARU is active in municipal solid waste treatment and disposal projects management in the south of Cairo, where it is contracted to receive, sort, treat and landfill up to 547 kt of waste p.a. In addition, the company was recently awarded a similar contract for 1.09 million tons of waste p.a in the governorate of Dakahlia, ECARU produces high quality compost, and alternative solid fuel (Refused Derived Fuel (RDF))

MSW Operational Overview



MRF



Open Dumps Sites

Products



Recyclables



Compost



Fluff RDF



Landfilling Operation

Biomass Business overview : ECARU is a pioneer company which collects, transports and process biomass in Egypt. Since 2007, it collected 500,000 tons of biomass annually. ECARU produces high quality compost, animal feed and biomass derived fuel (BDF).

Biomass Operational Overview



Collection & Transportation



Management



Grinding Process



for Woody and Fibrous Biomass

Densification Process

Animal Feed Production Process

Composting Process

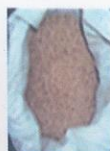
Baling Process



Cubes



Briquettes



Pellets



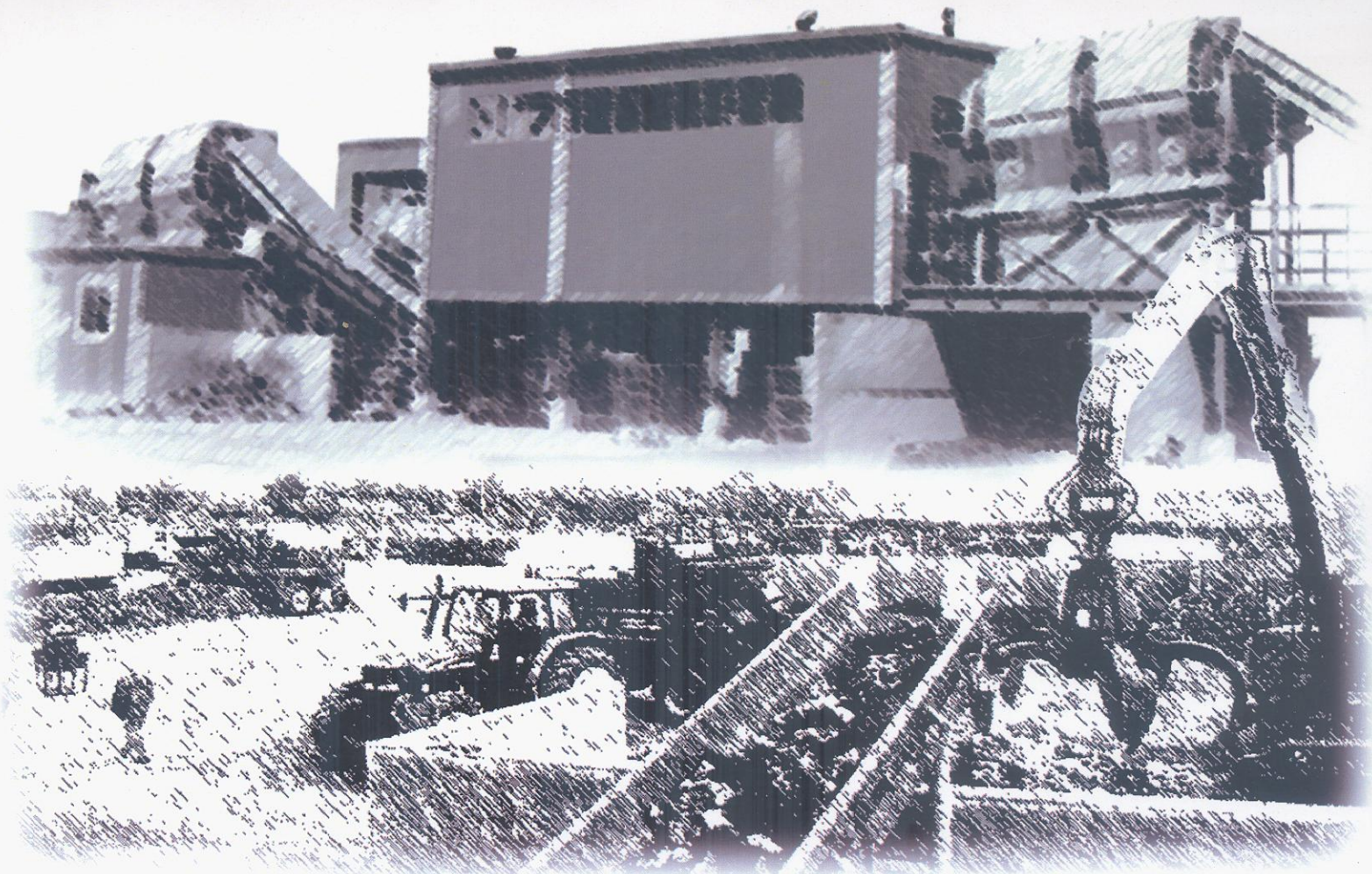
Animal Feed



Compost



Biomass Derived Fuel (BDF)



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